

Office of the
Legislative Fiscal Analyst

FY 2004 Budget Recommendations

Joint Appropriations Subcommittee for
Transportation, Environmental Quality, and Utah National Guard

Utah Department of Transportation
Aeronautics

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1.0 Department of Transportation - Aeronautics

Summary

The Aeronautics Division is the Aeronautic authority in the State of Utah. They develop the statewide aeronautical navigation plan throughout the State. The Division of Aeronautics coordinates air safety standards for the Utah air navigation. The division also has the responsibility to certify public use airports with regards to the safety of those airports.

	Analyst FY 2004 Base	Analyst FY 2004 Changes	Analyst FY 2004 Total
Financing			
Federal Funds	20,000,000		20,000,000
Dedicated Credits Revenue	300,000		300,000
TFR - Aeronautics Fund	10,253,000	500,000	10,753,000
Total	\$30,553,000	\$500,000	\$31,053,000
Programs			
Administration	437,200		437,200
Airport Construction	23,036,100	500,000	23,536,100
Civil Air Patrol	75,000		75,000
Aid to Local Airports	6,240,000		6,240,000
Airplane Operations	764,700		764,700
Total	\$30,553,000	\$500,000	\$31,053,000
FTE/Other			
Total FTE	7		7

2.0 Budget Highlights: Aeronautics

2.1 Local Airport Improvement Program

Scattered throughout the state are small airports that serve a variety of purposes to rural Utah. The infrastructure at many of these airports is deteriorating because of lack of local funding. The Legislature increased taxes on aviation fuels two years ago with hopes of improving the maintenance programs at rural airports. Though this increase has helped, additional funds are needed, or many of the airports will be forced to close because of safety problems. The Analyst is recommending a one-time increase of \$500,000 from the Transportation Restricted – Aeronautics Account to address some of these problems in FY 2004.

3.1 Programs: Administration

Recommendation

The Legislative Analyst recommends a FY 2004 appropriation of \$437,200. This appropriation is to fund 5 FTE positions and all costs associated with the administration and operations of the Division. Included in the Analyst's recommendation is \$334,300 for employee salaries and benefits. Other expenditures included in the recommendation include \$7,300 for travel.

There is also reflected in the Analyst's recommendation, \$95,600 for current operating expenses.

	2002 Actual	2003 Estimated	2004 Analyst	Est/Analyst Difference
Financing				
Dedicated Credits Revenue	20,600			
TFR - Aeronautics Fund	682,500	1,427,200	437,200	(990,000)
Transfers - Within Agency	59,500			
Total	\$762,600	\$1,427,200	\$437,200	(\$990,000)
Expenditures				
Personal Services	323,600	334,300	334,300	
In-State Travel	4,800	4,700	4,700	
Out of State Travel	2,500	2,600	2,600	
Current Expense	228,100	96,600	95,600	(1,000)
Capital Outlay		989,000		(989,000)
Total	\$762,600	\$1,427,200	\$437,200	(\$990,000)
FTE/Other				
Total FTE	5	5	5	

*General and school funds as revised by Supplemental Bills I-V, 2002 General and Special Sessions. Other funds as estimated by agency

Purpose

The Administration Program of the Division of Aeronautics is responsible for program development. Administration coordinates statewide Aeronautical Navigation. The traveling public enjoys safe airways through the Division's radio navigational aids and air safety standards. Aeronautics Administration assists local airports to meet standards set up by the Federal Aviation Administration and assists local airports in obtaining Federal funding to maintain those standards.

The Division owns and operates three VOR/DME navigational radio stations, two Non-Directional Beacon navigational radio stations, and three Automated Weather stations.

The Division supplies executive air transportation for the Governor and state agencies. The Division also supplies quarterly newsletters, aeronautical charts and airport directories to the flying public. Educational presentations have been made to local schools, and safety seminars for pilots have been presented by Division staff.

3.2 Programs: Airport Construction

Recommendation

The Analyst recommends a total appropriation of \$23,536,100 for the FY 2004 construction program. The funds for this activity come from Federal Funds of \$20,000,000 and the Aeronautical Funds not used in the other subprograms of the Division of \$3,536,100.

	2002 Actual	2003 Estimated	2004 Analyst	Est/Analyst Difference
Financing				
General Fund	2,152,000			
Federal Funds	31,029,400	10,000,000	20,000,000	10,000,000
TFR - Aeronautics Fund	3,376,100	3,036,100	3,536,100	500,000
Transfers - Within Agency	(174,200)			
Lapsing Balance	(3,523,000)			
Total	\$32,860,300	\$13,036,100	\$23,536,100	\$10,500,000
Expenditures				
Current Expense	12,400	11,300	11,300	
Capital Outlay	1,668,400	1,637,700	1,637,700	
Other Charges/Pass Thru	31,179,500	11,387,100	21,887,100	10,500,000
Total	\$32,860,300	\$13,036,100	\$23,536,100	\$10,500,000

*General and school funds as revised by Supplemental Bills I-V, 2002 General and Special Sessions. Other funds as estimated by agency

Purpose

In order to continue to develop and upgrade existing facilities, the Division outlines a yearly construction program in which the airport owner submits an application for matching federal funds. The application is reviewed by Aeronautics, and cooperative agreements are executed between the sponsor, Division of Aeronautical Operations, and, in some cases, the Federal Aviation Administration. The Division has the responsibility for approving engineering plans and specifications for all airport projects of local communities.

The Aeronautics Division has been involved in airport development projects throughout the State during the past year with federal, state, and local expenditures of \$32,860,300. These projects are in cooperation with the Federal Aviation Administration and local governments and are shown in tables on pages 8 and 9.

Issues: Local Airport Improvement Program

Scattered throughout the state are small airports that serve a variety of purposes to rural Utah. The infrastructure at many of these airports is deteriorating because of lack of local funding. The Legislature increased taxes on aviation fuels two years ago with hopes of improving the maintenance programs at rural airports. Though this increase has helped, additional funds are needed, or many of the airports will be forced to close because of safety problems. The Analyst is recommending a one-time increase of \$500,000 from the Transportation Restricted – Aeronautics Account to address some of these problems in FY 2004.

Utah Department of Transportation Division of Aeronautics						
FY 2002 Federally-Funded Airport Projects						
Airport	Project Description	Federal Share	State Share	Local Share	Total Cost	
Beaver Municipal	Install RW 13/31 REILS; Rehab RW 13/31 Lighting	\$197,000	\$9,813	\$9,813	\$216,626	
Brigham City Municipal Airport	Wetland Mitigation	1,170,000	52,303	67,248	1,289,551	
	Install Perimeter Fencing	30,000	1,494	1,495	32,989	
	Improve Runway 16/34 Safety Area	5,000,000	0	498,130	5,498,130	
Bryce Canyon	Construct Partial Parallel Taxiway to Runway 21	700,000	34,869	34,869	769,738	
Delta Municipal	Rehab Runway 15/34 Lighting	150,000	7,472	7,472	164,944	
Green River Municipal	Construct Partial Parallel Taxiway to RW End 13, Install Perimeter Fencing (Phase II)	264,178	13,159	13,160	290,497	
Halls Crossing - Cal Black Memorial	Update Airport Layout Plan	94,788	4,721	4,722	104,231	
Heber City Muni - Russ McDonald Field	Land Acquisition for Hanger Relocation	330,000	16,438	16,438	362,876	
Kanab Municipal	Rehab RW 1/19, TW, Terminal Apron, pavement Rehab, relocate RW threshold & lights, safety area grading construct RW end turnarounds, install electronic security gates Rehabilitate Runway 1/19 (Amendment)	1,650,000 150,000 975,000 40,000	82,192 7,472 48,567 0	82,191 7,472 48,567 1,993	1,814,383 164,944 1,072,134 41,993	
Loa - Wayne Wonderland	Install Perimeter Fencing, Phase I	150,000	7,472	7,472	164,944	
Logan -Cache	Construct Taxilane & Acquire Land for Approaches (Runway Visibility Zone)	411,180	18,626	18,627	448,433	
Manti-Ephraim	Powerline, Fence & Beacon/Windsock relocation; Relocate Runway 13 Threshold and Lights; Acquire Nav. Easements for Approaches; Install New Electrical Vault; Safety Area Grading;	51,682	2,574	2,575	56,831	
Milford Municipal	Land Acquisition (Parcels E1 & E2) for Approaches (RPZ & OFA). Replace Beacon	389,980	19,426	19,426	428,832	
Moab-Canyonlands Field	Expand Apron	1,942,322	96,793	96,793	2,135,908	
Nephi Municipal	Construct New Runway 16/34 (Site Prep)	3,805,230	189,550	189,550	4,184,330	
Ogden-Hinckley	Rehabilitate Runway 3/21 (Phase I)	102,000	5,081	5,081	112,162	
Panguitch Municipal	Remove Obstructions, (Hangers)	150,000	7,472	7,472	164,944	
Parowan	Aircraft Apron Expansion	780,000	38,854	38,854	857,708	
Price-Carbon County	Acquire Land for Approaches (Approximately 12.19 Acres). Construct Aircraft Parking Apron, Construct Parallel Taxiway (Phase II)	150,000	7,472	7,472	164,944	
Provo Municipal	Extend Taxiway A (Design Only)	126,404	6,296	6,297	138,997	
Richfield Municipal	Acquire Land for Approaches (Parcels 27F, 28F, 29F)	150,000	7,472	7,472	164,944	
Roosevelt Municipal	Rehabilitate Electrical Vault, Light Obstructions (Terminal Area), Acquire Land for Approaches (Parcels F1 & F2)	4,200,000	113,726	320,501	4,634,227	
Salt Lake City Intl	Rehab East Apron (Phase II), Extend Taxiway "P"	950,000	39,850	54,795	1,044,645	
Salt Lake City Muni 2	Rehabilitate Runway 16/34	150,000	7,472	7,472	164,944	
Spanish Fork Springville	Construct Taxilanes to T-Hangers Acquire Land/Easements for Approaches (Parcels 10, 19, 22, 23, 24, 25)	690,000	34,371	34,371	758,742	
St. George New	Construct New Airport Environmental Study	7,000,000 500,000	49,813 0	647,570 49,813	7,697,383 549,813	
Tooele Valley Airport-Bolinder Field	Install Weather Reporting Equipment	150,000	7,472	7,472	164,944	
Utah Division of Aeronautics	Utah Continuous Airport System Plan (UCASP)	120,000	11,955	0	131,955	
Vernal	Seal Coat & Crack Seal Runway 7/25, Taxiway and GA Ramps	150,000	7,472	7,472	164,944	

Utah Department of Transportation Division of Aeronautics				
FY 2002 State-Funded Airport Projects				
Airport	Project Description	State Share	Local Share	Total Cost
Blanding Municipal	Enlarge Bypass Taxiways (Teacup Turnarounds) on both ends of Runway 17/35, Geological Study & Apron Repair. Card scan fueling system. Relocate Unicom radio.	\$231,300	\$25,700	\$257,000
Bluff Airport	Crack Seal, Seal Coat & Paint; Fencing Around Airport	98,298	10,922	109,220
Brigham City Municipal Airport	Construct Taxilane Expansion & Apron Area	141,210	15,690	156,900
Bryce Canyon	Expand GA Apron	288,000	32,000	320,000
Cedar City Regional	Seal Coat & Repaint Markings for Runway 2/20	76,500	8,500	85,000
Escalante Municipal	Reconstruct and Reconfigure Apron	180,000	20,000	200,000
Fillmore	Fence Painting	9,000	1,000	10,000
Green River Municipal	Aircraft Apron Expansion for Helicopters	180,000	20,000	200,000
Hanksville	Double Course Chip Seal on Runway, Taxiway and Apron	100,000	0	100,000
Huntington Municipal	Prepare Airport Layout Plan, Safety Area Grading, Drainage, and Rehabilitate Runway Lighting, Automated Unicom	202,500	22,500	225,000
Hurricane	Acquire Property, Airport Fencing	135,000	15,000	150,000
Junction	Crack Seal, Seal Coat & Paint All Asphalt Surfaces	27,000	3,000	30,000
Loa - Wayne Wonderland	Land Acquisition for RPZ, Light Obstructions, Automated Unicom	180,000	20,000	200,000
Logan -Cache	Design & Construct New Access Road. Extend Utilities Water & Fire Protection to New Commercial Apron Area	180,000	20,000	200,000
Manti-Ephraim	Construct Wildlife Fencing	153,135	17,015	170,150
Milford Municipal	Expand Apron for Helicopters	90,000	10,000	100,000
Morgan County	Crack Seal, Seal Coat & Paint Runway and Apron	49,500	5,500	55,000
Mount Pleasant	Crack Seal, Fog Coat & Airport Markings, Fencing	144,000	16,000	160,000
	Paint RW 12/30	3,015	335	3,350
Nephi Municipal	Crack Seal, Seal Coat & Pavement Replacement (Amendment)	22,939	2,549	25,488
Ogden-Hinckley	Weed Control	5,000	3,000	8,000
Panguitch Municipal	Construct Water Storage Tanks for Fire Protection, New Security Lights, & Aircraft Apron Expansion for Helicopters	103,500	11,500	115,000
Price-Carbon County	Seal Coat, Crack Seal & Paint Runway 18/36	72,000	8,000	80,000
Salt Lake City Muni 2	Automated Vehicle & Pedestrian Security Gates	3,471	3,471	6,942
Vernal	GA Ramp Expansion, 10,000 sq.yds. (existing airport)	273,000	30,333	303,333

3.3 Programs: Civil Air Patrol

Recommendation

The Governor and the Analyst recommend a FY 2004 appropriation of \$75,000 for the Civil Air Patrol. If the entire appropriation is not needed the balance will lapse to the Aeronautics Fund.

	2002 Actual	2003 Estimated	2004 Analyst	Est/Analyst Difference
Financing				
TFR - Aeronautics Fund	75,000	75,000	75,000	
Transfers - Within Agency	(500)			
Total	<u>\$74,500</u>	<u>\$75,000</u>	<u>\$75,000</u>	<u>\$0</u>
Expenditures				
Current Expense	74,500	75,000	75,000	
Total	<u>\$74,500</u>	<u>\$75,000</u>	<u>\$75,000</u>	<u>\$0</u>

*General and school funds as revised by Supplemental Bills I-V, 2002 General and Special Sessions. Other funds as estimated by agency

Purpose

Under the direction of the Division of Aeronautical Operations, the Civil Air Patrol participates in search and rescue missions by virtue of an existing agreement signed by the Western Air Rescue Center and the Governor of the State of Utah.

3.4 Programs: Aid To Local Airports

Recommendation

Aviation fuel tax revenues are projected by the Legislative Analyst at approximately \$8,320,000. Of this amount, \$6,240,000, (approximately 75 percent) will be returned to local airports. The Analyst recommends that this appropriation be approved for FY 2004.

	2002	2003	2004	Est/Analyst
Financing	Actual	Estimated	Analyst	Difference
TFR - Aeronautics Fund	4,404,200	6,240,000	6,240,000	
Total	\$4,404,200	\$6,240,000	\$6,240,000	\$0
Expenditures				
Other Charges/Pass Thru	4,404,200	6,240,000	6,240,000	
Total	\$4,404,200	\$6,240,000	\$6,240,000	\$0

*General and school funds as revised by Supplemental Bills I-V, 2002 General and Special Sessions. Other funds as estimated by agency

Purpose

This program is responsible for receipting and disbursing aviation fuel tax collections and refunds to the originating airport. Revenue supporting the Division is from cents per gallon fuel tax imposed on all civil aviation fuel sold within the state. The rate varies depending on if the fuel is being used by private planes or commercial airliners. Approximately seventy percent of the tax is returned to the airport of origin for maintenance, operation, and improvement of that facility.

3.5 Programs: Airplane Operations

Recommendation

The Analyst recommends a FY 2004 budget for Airplane Operations of \$764,700. This recommendation includes \$485,400 for personal services, \$18,900 for travel, \$202,700 for current expense, and \$58,700 for capital outlay.

	2002 Actual	2003 Estimated	2004 Analyst	Est/Analyst Difference
Financing				
Dedicated Credits Revenue	274,300	735,900	300,000	(435,900)
TFR - Aeronautics Fund	460,200	465,700	464,700	(1,000)
Transfers - Within Agency	115,200			
Total	\$849,700	\$1,201,600	\$764,700	(\$436,900)
Expenditures				
Personal Services	515,600	485,400	485,400	
In-State Travel	8,100	8,200	8,200	
Out of State Travel	9,800	9,700	9,700	
Current Expense	257,500	639,600	202,700	(436,900)
Capital Outlay	58,700	58,700	58,700	
Total	\$849,700	\$1,201,600	\$764,700	(\$436,900)
FTE/Other				
Total FTE	7	7	7	

*General and school funds as revised by Supplemental Bills I-V, 2002 General and Special Sessions. Other funds as estimated by agency

Purpose

The airplane operations program was established to help the Division maintain better control of airplane operations costs. This budget was previously part of the Administration budget. In order to meet Federal Aviation Administration standards all State owned airplanes are maintained on strict schedules based on hours used and on an as needed basis. Airplane Operations also does engine overhauls on State owned airplanes to meet the requirements of the Federal Aviation Administration.

The Division aircraft maintenance section has provided maintenance, inspection, and housing for state-owned aircraft.

4.0 Additional Information: Aeronautics

4.1 Funding History

	2000	2001	2002	2003	2004
Financing	Actual	Actual	Actual	Estimated*	Analyst
General Fund	500,000	200,000	2,152,000		
Federal Funds	16,937,000	23,706,400	31,029,400	10,000,000	20,000,000
Dedicated Credits Revenue	519,900	756,600	294,900	735,900	300,000
TFR - Aeronautics Fund	9,100,700	13,179,800	8,998,000	11,244,000	10,753,000
Transfers - Within Agency					
Beginning Nonlapsing	5,100	600,000			
Closing Nonlapsing	(100,000)	(300,000)			
Lapsing Balance	(770,000)	(3,000,700)	(3,523,000)		
Total	\$26,192,700	\$35,142,100	\$38,951,300	\$21,979,900	\$31,053,000
Programs					
Administration	2,295,100	2,812,600	762,600	1,427,200	437,200
Airport Construction	17,399,500	24,596,800	32,860,300	13,036,100	23,536,100
Civil Air Patrol	75,000	77,000	74,500	75,000	75,000
Aid to Local Airports	5,698,400	6,785,400	4,404,200	6,240,000	6,240,000
Airplane Operations	724,700	870,300	849,700	1,201,600	764,700
Total	\$26,192,700	\$35,142,100	\$38,951,300	\$21,979,900	\$31,053,000
Expenditures					
Personal Services	854,500	845,700	839,200	819,700	819,700
In-State Travel	15,700	13,500	12,900	12,900	12,900
Out of State Travel	22,300	18,200	12,300	12,300	12,300
Current Expense	836,000	937,900	572,500	822,500	384,600
DP Current Expense		3,800			
Capital Outlay	1,904,600	2,661,300	1,727,100	2,685,400	1,696,400
Other Charges/Pass Thru	22,559,600	30,661,700	35,787,300	17,627,100	28,127,100
Total	\$26,192,700	\$35,142,100	\$38,951,300	\$21,979,900	\$31,053,000
FTE/Other					
Total FTE	11	12	12	12	12

*General and school funds as revised by Supplemental Bills I-V, 2002 General and Special Sessions. Other funds as estimated by agency.